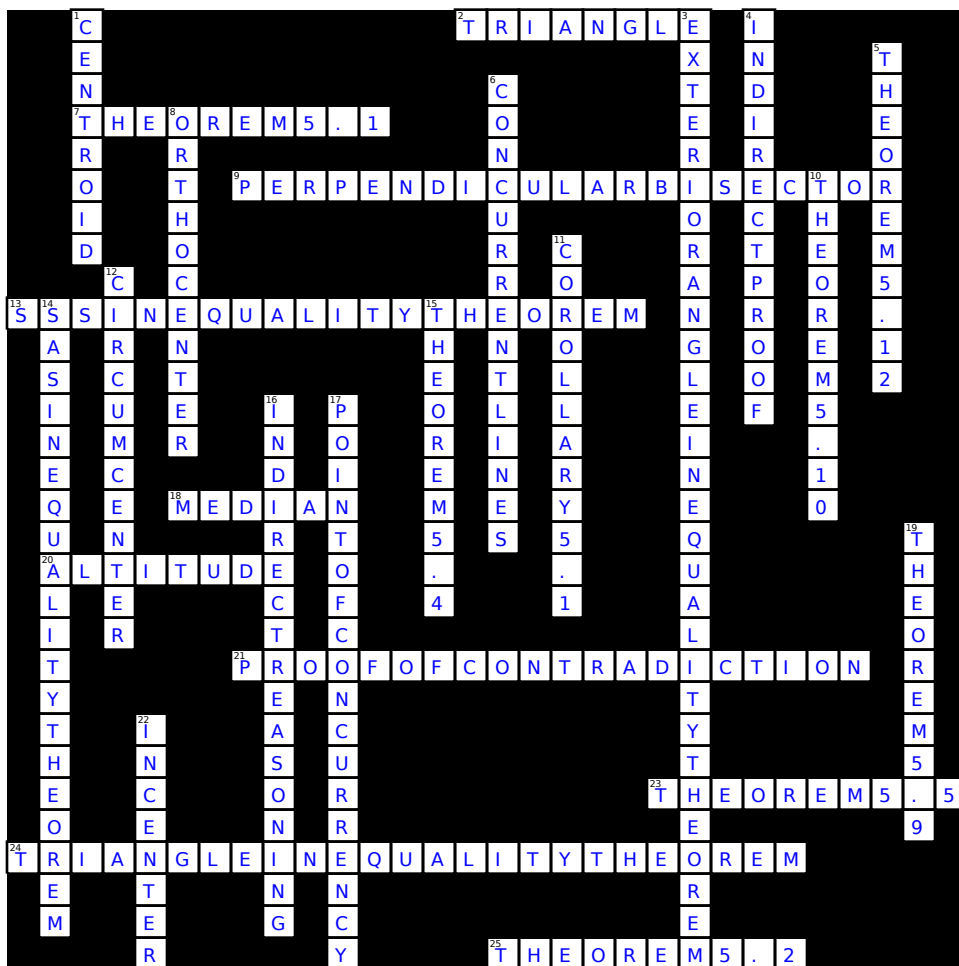


Standard 1



- Across
- 2 A plane figure with three straight sides and three angles.
 - 7 Any point on the perpendicular bisector of a segment is equidistant from the endpoints of the segment. (2 Words)
 - 9 In a triangle, a line, segment, or ray that passes through the midpoint of a side and is perpendicular to that side. (2 Words)
 - 13 If two sides of a triangle are congruent to two sides of another triangle and the third side in one triangle is longer than the third side in the other, then the angle between the pair of congruent sides in the first triangle is greater than the corresponding angle in the second triangle. (3 Words)
 - 18 A segment whose endpoints are a vertex of a triangle and the midpoint of the side opposite the vertex.
 - 20 Segment from a vertex to the line containing the opposite side and perpendicular to the line containing that side.
 - 21 An indirect proof in which one assumes that the statement to be proved is false. One then uses logical reasoning to deduce a statement that contradicts a postulate, theorem, or one of the assumptions. Once a contradiction is obtained, one concludes that the statement assumed false must in fact be true. (3 Words)
 - 23 Any point equidistant from the sides of an angle lies on the angle bisector. (2 Words)
 - 24 The sum of the lengths of any two sides of a triangle is greater than the length of the third side. (3 Words)
 - 25 Any point equidistant from the endpoints of a segment lies on the perpendicular bisector of the segment. (2 Words)

- Down
- 1 Point of concurrency for the medians of a triangle.
 - 3 Angle of a triangle that's measure is greater than the measure of either of its corresponding remote interior angles. (4 Words)
 - 4 An indirect proof in which one assumes that the statement to be proved is false. One then uses logical reasoning to deduce a statement that contradicts a postulate, theorem, or one of the assumptions. Once a contradiction is obtained, one concludes that the statement assumed false must in fact be true. (2 Words)
 - 5 The perpendicular segment from a point to a line is the shortest segment from the point to the line. (2 Words)
 - 6 When three or more lines intersect at a common point. (2 Words)
 - 8 The intersection point of the altitudes of a triangle.
 - 10 If one angle of a triangle has a greater measure than another angle, then the side opposite the greater angle is longer than the side opposite the lesser angle. (2 Words)
 - 11 The perpendicular segment from a point to a plane is the shortest segment from the point to the plane. (2 Words)
 - 12 The point of concurrency of the perpendicular bisectors of a triangle.
 - 14 If two sides of a triangle are congruent to two sides of another triangle and the included angle in one triangle has a greater measure than the included angle in the other, then the third side of the first triangle is longer than the third side of the second triangle. (3 Words)
 - 15 Any point on the angle bisector is equidistant from the sides of the angle. (2 Words)
 - 16 Reasoning that assumes that the conclusion is false and then shows that this assumption leads to a contradiction of the hypothesis or some other accepted fact, like a postulate, theorem, or corollary. Then, since the assumption has been proved false, the conclusion must be true. (2 Words)
 - 17 The point of intersection of concurrent lines. (3 Words)
 - 19 If one side of a triangle is longer than another side, then the angle opposite the longer side has a greater measure than the angle opposite the shorter side. (2 Words)
 - 22 The point of concurrency of the angle bisectors of a triangle.